

M. Davis

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1642

TECH CENTER 1600/2900

PHR

RAW SEQUENCE LISTING

DATE: 11/01/2000

PATENT APPLICATION: US/09/170,980B

TIME: 13:27:42

Input Set : A:\PF01951DIV.txt

Output Set: N:\CRF3\11012000\I170980B.raw

ENTERED

3 <110> APPLICANT: Hillman, Jennifer L.
4 Goli, Surya K.
6 <120> TITLE OF INVENTION: A NOVEL PROSTATE-ASSOCIATED KALLIKREIN
8 <130> FILE REFERENCE: PF-0195-1 DIV
10 <140> CURRENT APPLICATION NUMBER: 09/170,980B
11 <141> CURRENT FILING DATE: 1998-10-13
13 <150> PRIOR APPLICATION NUMBER: 08/790,137
14 <151> PRIOR FILING DATE: 1997-01-29
16 <160> NUMBER OF SEQ ID NOS: 4
18 <170> SOFTWARE: PERL Program
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21 <211> LENGTH: 253
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23 <213> ORGANISM: Homo sapiens
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27 <222> LOCATION: 54, 55
28 <223> OTHER INFORMATION: unknown, or other
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31 <221> NAME/KEY: misc_feature
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34 <400> SEQUENCE: 1
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37 Gly Ala Ala Pro Pro Ile Gln Ser Arg Ile Val Gly Gly Trp Glu
38 20 25 30
39 Cys Glu Gln His Ser Gln Pro Trp Gln Ala Ala Leu Tyr Gln Lys
40 35 40 45
41 Thr Arg Leu Leu Cys Gly Ala Thr Xaa Xaa Ala Pro Arg Trp Phe
42 50 55 60
43 Leu Thr Ala Ala His Cys Leu Lys Pro Arg Tyr Ile Val His Leu
44 65 70 75
45 Gly Gln His Asn Leu Gln Lys Glu Glu Gly Cys Glu Gln Thr Arg
46 80 85 90
47 Thr Ala Thr Glu Ser Phe Pro His Pro Gly Phe Asn Asn Ser Leu
48 95 100 105
49 Pro Asn Lys Asp His Arg Asn Asp Ile Met Leu Val Lys Met Ala
50 110 115 120
51 Ser Pro Val Ser Ile Thr Trp Ala Val Arg Pro Leu Thr Leu Ser
52 125 130 135
53 Ser Arg Cys Val Thr Ala Gly Thr Ser Cys Leu Ile Ser Gly Trp
54 140 145 150
55 Gly Ser Thr Ser Ser Pro Gln Leu Arg Leu Pro His Thr Leu Arg
56 155 160 165
57 Cys Ala Asn Ile Thr Ile Ile Glu His Gln Lys Cys Glu Asn Ala
58 170 175 180
59 Tyr Pro Gly Asn Ile Thr Asp Thr Met Val Cys Ala Ser Val Gln

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60          185          190          195
61 Glu Gly Gly Lys Asp Ser Cys Gln Gly Asp Ser Gly Gly Pro Leu
62          200          205          210
63 Val Cys Asn Gln Ser Leu Gln Gly Ile Ile Ser Trp Gly Gln Asp
64          215          220          225
65 Pro Cys Ala Ile Thr Arg Lys Pro Gly Val Tyr Thr Lys Val Cys
66          230          235          240
67 Lys Tyr Val Asp Trp Ile Gln Glu Thr Met Lys Asn Asn
68          245          250
71 <210> SEQ ID NO: 2
72 <211> LENGTH: 833
73 <212> TYPE: DNA
74 <213> ORGANISM: Homo sapiens
76 <220> FEATURE:
77 <221> NAME/KEY: unsure
78 <222> LOCATION: 186, 191, 227, 796, 808
79 <223> OTHER INFORMATION: a, t, c, g, or other
81 <220> FEATURE:
82 <221> NAME/KEY: misc_feature
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88 agcagcattc ccagccctgg caggcggtc tgtaccagaa gacgcggcta ctctgtgggg 180
W--> 89 cgacgntcat ngccccaga tggttctga cagcagccca ctgccthaag ccccgctaca 240
90 tagttcacct ggggcagcac aacctccaga aggaggaggg ctgtgagcag acccgacag 300
91 ccactgagtc cttccccac cccggttca acaacagcct ccccaacaaa gaccaccgca 360
92 atgacatcat gctggtgaag atggcatcg cagtctccat cactgggct gtgcgacccc 420
93 tcacctctc ctcacgctgt gtcactgcty qcaccagctg cctcatttcc ggctggggca 480
94 gcacgctccag cccccagtta cgctgcttc acaccttgcy atgcgccaac atcaccatca 540
95 ttgagcacca gaagtgtgag aacgectacc ccggcaacat cacagacacc atggtgtgtg 600
96 ccagcgtqca ggaagggggc aaggactcct gccagggtga ctccgggggc cctctggtct 660
97 gtaaccagtc tcttcaaggc attatctcct ggggccagga tccgtgtgcy atcaccgaa 720
98 agcctggtgt ctacacgaaa gtctgcaaat atgtggacty gatccaggag acgatgaaga 780
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104 <213> ORGANISM: Homo sapiens
106 <220> FEATURE:
107 <222> LOCATION: GenBank
108 <223> OTHER INFORMATION: g186653
110 <400> SEQUENCE: 3
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112 1 5 10 15
113 Gly Ala Ala Pro Pro Ile Gln Ser Arg Ile Val Gly Gly Trp Glu
114 20 25 30
115 Cys Glu Gln His Ser Gln Pro Trp Gln Ala Ala Leu Tyr His Phe
116 35 40 45

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117 Ser Thr Phe Gln Cys Gly Gly Ile Leu Val His Arg Gln Trp Val
118              50              55              60
119 Leu Thr Ala Ala His Cys Ile Ser Asp Asn Tyr Gln Leu Trp Leu
120              65              70              75
121 Gly Arg His Asn Leu Phe Asp Asp Glu Asn Thr Ala Gln Phe Val
122              80              85              90
123 His Val Ser Glu Ser Phe Pro His Pro Gly Phe Asn Met Ser Leu
124              95              100             105
125 Leu Glu Asn His Thr Arg Gln Ala Asp Glu Asp Tyr Ser His Asp
126              110             115             120
127 Leu Met Leu Leu Arg Leu Thr Glu Pro Ala Asp Thr Ile Thr Asp
128              125             130             135
129 Ala Val Lys Val Val Glu Leu Pro Thr Gln Glu Pro Glu Val Gly
130              140             145             150
131 Ser Thr Cys Leu Ala Ser Gly Trp Gly Ser Ile Glu Pro Glu Asn
132              155             160             165
133 Phe Ser Phe Pro Asp Asp Leu Gln Cys Val Asp Leu Lys Ile Leu
134              170             175             180
135 Pro Asn Asp Glu Cys Glu Lys Ala His Val Gln Lys Val Thr Asp
136              185             190             195
137 Phe Met Leu Cys Val Gly His Leu Glu Gly Gly Lys Asp Thr Cys
138              200             205             210
139 Val Gly Asp Ser Gly Gly Pro Leu Met Cys Asp Gly Val Leu Gln
140              215             220             225
141 Gly Val Thr Ser Trp Gly Tyr Val Pro Cys Gly Thr Pro Asn Lys
142              230             235             240
143 Pro Ser Val Ala Val Arg Val Leu Ser Tyr Val Lys Trp Ile Glu
144              245             250             255
145 Asp Thr Ile Ala Glu Asn Ser
146              260
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150 <211> LENGTH: 263
151 <212> TYPE: PRT
152 <213> ORGANISM: Homo sapiens
154 <220> FEATURE:
155 <222> LOCATION: GenBank
156 <223> OTHER INFORMATION: g55527
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161 Asp Ala Ala Pro Pro Val Gln Ser Arg Ile Ile Gly Gly Phe Asn
162              20              25              30
163 Cys Glu Lys Asn Ser Gln Pro Trp His Val Ala Val Tyr Arg Phe
164              35              40              45
165 Ala Arg Tyr Gln Cys Gly Gly Val Leu Leu Asp Ala Asn Trp Val
166              50              55              60
167 Leu Thr Ala Ala His Cys Tyr Asn Asp Lys Tyr Gln Val Trp Leu
168              65              70              75
169 Gly Lys Asn Asn Arg Phe Glu Asp Glu Pro Ser Ala Gln His Gln

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170	80	85	90
171	Leu Ile Ser Lys Ala Ile Pro His Pro Gly Phe Asn Met Ser Leu		
172	95	100	105
173	Leu Asn Lys Asp His Thr Pro His Pro Glu Asp Asp Tyr Ser Asn		
174	110	115	120
175	Asp Leu Met Leu Val Arg Leu Lys Lys Pro Ala Glu Ile Thr Asp		
176	125	130	135
177	Val Val Lys Pro Ile Asp Leu Pro Thr Glu Glu Pro Thr Val Gly		
178	140	145	150
179	Ser Arg Cys Leu Ala Ser Gly Trp Gly Ser Thr Thr Pro Thr Glu		
180	155	160	165
181	Glu Phe Glu Tyr Ser His Asp Leu Gln Cys Val Tyr Leu Glu Leu		
182	170	175	180
183	Leu Ser Asn Glu Val Cys Ala Lys Ala His Thr Glu Lys Val Thr		
184	185	190	195
185	Asp Thr Met Leu Cys Ala Gly Glu Met Asp Gly Gly Lys Asp Thr		
186	200	205	210
187	Cys Val Gly Asp Ser Gly Gly Pro Leu Ile Cys Asp Gly Val Leu		
188	215	220	225
189	Gln Gly Ile Thr Ser Trp Gly Pro Thr Pro Cys Ala Leu Pro Asn		
190	230	235	240
191	Val Pro Gly Ile Tyr Thr Lys Leu Ile Glu Tyr Arg Ser Trp Ile		
192	245	250	255
193	Lys Asp Val Met Ala Asn Asn Pro		
194	260		

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/170,980B

DATE: 11/01/2000
TIME: 13:27:43

Input Set : A:\PF01951DIV.txt
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L:41 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:89 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:99 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2